

Anti-Mouse CD370 (1F6) In Vivo Antibody - Low Endotoxin

Product Code: ICH1168

Bulk anti-CD370 In Vivo Antibody - Low Endotoxin (1F6)

Product Benefits:

ichorbio's anti- CD370 In Vivo Antibody - Low Endotoxin (1F6) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from [Bio X Cell](#) at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (<0.5EU/mg) at an even higher purity (98% versus 95%). ichorbio: the best antibodies for *in vivo* research.

Target:

CD370

Other Names:

CD370, DNGR-1, C-Type Lectin Domain Family 9 Member A

Clone:

1F6

Size:

ichorbio's 1F6 *in vivo* antibody is available in the following bulk sizes: 1mg, 5mg, 25mg, 50mg and 100mg ichorbio regularly manufactures multi-gram amounts of our anti-CD370 1F6 clone - please contact us for pricing.

Isotype:

Rat IgG1

Uniprot:

[Q8BRU4](#)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Clone 1F6 recognizes an epitope on mouse DNGR1

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antigen Distribution:

CD370 (CLEC9A) in mice is expressed on CD8+ DCs and at low levels by plasmacytoid DCs.

Background:

CLEC9A, also known as DNGR1 is defined as a type II membrane protein with a single extracellular C-type lectin domain¹. CLEC9A is involved with adaptive immune response during infection. Additionally, CLEC9A, is being investigated for potential to enhance immune responses produced by vaccines.

Immunogen:

RBL-2H3 cells expressing mouse DNGR-1 fused to an HA epitope.

Concentration:

>2.0 mg/ml

Formulation:

This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2 - 7.4, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and azide free

Purity:

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

Endotoxin:

≤ 1.0 EU/mg as determined by the LAL method

≤ 0.75 EU/mg as determined by the LAL method

Aggregation:

Aggregation level ≤ 5%

Aggregation level ≤ 1%

IMPACT Pathogen Test:

We use the IMPACT test generated by IDEXX Laboratories to guarantee our Ultra Low Endotoxin antibodies are pathogen free. Our mouse antibodies are tested for: Mycoplasma spp. Mycoplasma pulmonis Sendai virus Mouse hepatitis virus Pneumonia virus of mice Minute virus of mice Mouse parvovirus (MPV1-5) Theiler's murine encephalomyelitis virus Murine norovirus Reovirus 3 Mouse rotavirus Ectromelia virus Lymphocytic choriomeningitis virus Polyoma virus Lactate dehydrogenase-elevating virus Mouse adenovirus (MAD1, MAD2) Mouse cytomegalovirus K virus Mouse thymic virus Hantaan virus Corynebacterium bovis Corynebacterium spp. (HAC2)

Storage:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at - 20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

Flow Cytometry, Immunofluorescence, Western Blotting

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only.

Alternative Names:

- A disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme) antibody
- A disintegrin and metalloproteinase domain 17 antibody
- ADA17_HUMAN antibody
- ADAM 17 antibody
- ADAM metalloproteinase domain 17 antibody
- ADAM17 antibody
- ADAM17 protein antibody
- CD 156b antibody
- CD156b antibody
- CD156b antigen antibody
- CSVF antibody
- Disintegrin and metalloproteinase domain-containing protein 17 antibody
- MGC71942 antibody
- NISBD antibody
- NISBD1 antibody
- Snake venom like protease antibody
- Snake venom-like protease antibody
- TACE antibody
- TNF alpha convertase antibody
- TNF alpha converting enzyme antibody
- TNF-alpha convertase antibody
- TNF-alpha-converting enzyme antibody
- Tumor Necrosis Factor Alpha Converting Enzyme antibody